



# Honeywell

# Galaxy<sup>®</sup> Dimension

## Integrated intrusion and door control panel range



The Galaxy<sup>®</sup> Dimension series of security systems is a fully integrated intrusion and door control security solution for mid to large commercial security installations. It offers your customers a user-friendly system in a cost-effective and fully compliant package. An innovative wireless capability offers high quality, reliable security solutions, with the flexibility to meet the needs of every commercial and industrial application.

### Go wireless

Cabling can be impractical due to building aesthetics, or simply too expensive. By removing cabling, significant savings can be made on the total installation cost, particularly on larger installations. For users a wireless solution is less invasive and minimises disruption to their business. Galaxy Dimension's wireless options can be used with, or as an alternative to a wired solution, providing installers with additional business opportunities and significant cost and time savings.

### A secure and reliable solution

Wireless is enabled using patented control panel software and up to eight RF portals in an installation. Our unique bi-directional radio and agile routing technologies, combined with Galaxy<sup>®</sup> reliability ensures that the wireless sensors and the control panel can talk to each other using the strongest available signal path. This, plus the sensors' 2km radio range in open field, makes our wireless solution a far more reliable and secure system, even for commercial environments.

### A full range of wireless sensors offering new capabilities

Our comprehensive range of wireless peripherals is compatible with our core Dimension, Flex, G2 and Domonial intruder alarm panels. The wireless sensors address all of the needs of an intrusion system plus more with environmental, life safety and perimeter options. Key to this offer is our wireless DUAL TEC<sup>®</sup> sensor, which extends the benefits that dual technology provides in false alarm reduction to cover commercial environments. Two-way wireless key fobs allows users to instantly set or unset the system from in or outside the premises and view system status. This helps reduce user error and related false alarms. For installers, this full portfolio opens up new market opportunities and additional revenues. For users, it means greater reliability and the flexibility to customise the system to meet business needs. Furthermore, it saves the time and cost of installing cables, and minimises false alarms - leading to lower intervention costs.

### Integrated solutions

Galaxy Dimension offers enhanced door control features within a single, integrated system. For the end user, it's easy to operate. For the installer, it's easy to programme, commission and maintain. Plus, a single system means one point of contact for customer and technical support. Galaxy<sup>®</sup> Dimension integrates with WINPAK<sup>®</sup> access control platform from Honeywell so that businesses can expand as they grow to full access control functionality managed via one single WINPAK user interface.

## Features

- Up to 520 zones
- Up to 64 doors controlled
- Protecting up to 32 groups
- Up to 1000 users
- Up to 67 weekly schedules available
- Up to 32 yearly holiday schedules
- Door access controlled by access templates and group set status
- Areas behind a door can be unset automatically via card reader
- Access event log with 1000 events recorded in panel (separate intruder log)
- GPRS, Ethernet, PSTN, USB communications options
- Groups can be set via door control readers
- Evacuation control will allow doors to unlock in the event of fire
- Up to 32 audio verification channels
- Multi-language interface
- GX remote control Mobile App for remote management of up to 5 sites from a single smart device.
- The Galaxy Dimension range has been independently tested and is compliant to EN50131-3:2009, EN50131-6:2008, PD6662:2010
- Compatible with all wiegand readers
- Up to 8 wireless interface modules (RF portals)
- Up to 192 wireless zones
- Up to 100 key fobs
- Full bi-directional agile routing (patented technology)
- Full range of wired and wireless intrusion and environmental detectors

### Flexible & reliable communications

To ensure fail-safe communications, multiple path communication options for alarm signalling include GPRS, Ethernet and standard telephone line (PSTN). These options also allow maximum flexibility and customisation to capitalise on existing network infrastructures and minimise disruption for customers.

### Attractive user interfaces and Mobile App

A choice of LCD Keypad and Keyprox options including the MK8, with a modern design and all the familiarity and functionality of the MK7, for ease of programming across the range. In addition, all user interfaces feature a proximity function allowing quick and secure set and unset without PIN code. The GX Remote control mobile app allows control of the system from anywhere in the world from your preferred smart device (requires E080-04 Ethernet module).

### Audio verification ('Listen-in' Facility)

With the new Galaxy<sup>®</sup> Dimension, the Alarm Receiving Centre (ARC) can listen in using independent audio channels to identify the specific location where the alarm has been triggered and verify source and cause. This reduces false alarms and increases system reliability.

### Programming software compatibility

The Remote Servicing Suite (RSS) is a maintenance tool enabling complete remote control of the panel, allowing installers to give customers instant support. Installers can complete remote routine inspection reducing the need for time consuming and costly site visits. The RSS software uses a common database to communicate with all Galaxy<sup>®</sup> panels from one programme. A networked version of the Remote Servicing Suite offers access to up-to-date records for all users. This guarantees the secure management of information in one central location. Both wired and wireless components can take advantage of the easy remote diagnostics and maintenance functionality in this software.

### The right choice

Galaxy Dimension enables you to offer your customers a user-friendly, integrated security solution that will meet all of their needs. Honeywell provides sales and marketing support and organises frequent training to boost system understanding and to ensure trouble-free installations every time.

Galaxy Dimension has been updated and independently tested to ensure compliance with EN50131-3:2009, EN50131-6:2008, PD6662:2010.

For more information on Galaxy<sup>®</sup> Dimension please go to [www.honeywell.com/security/uk](http://www.honeywell.com/security/uk) or contact our sales team using the details provided overleaf.

## Attractive user interfaces

A range of LCD Keypad and Keyprox options

- MK8 keypad offers a modern keypad and keyprox design with all the familiarity and functionality of the MK7 keypad
- Familiar MK7 keypad for installer programming across the range
- Proximity function across all user interfaces allows quick and secure set and unset without PIN code
- Check and control the system from anywhere in the world with the mobile app **GX Remote Control** from your preferred smart device (requires E080-04 Ethernet module)

## Wireless system expander module - RF Portal

- Bi-directional wireless interface with full range of intrusion and environmental detectors
- 868MHz frequency
- Up to 8 wireless interface modules (RF portals)
- Up to 192 wireless zones and up to 100 key fobs
- Full bi-directional agile routing (patented technology)
- Compatible with all Honeywell Alpha protocol sensors



## Power Units

### Galaxy® Power Unit 2.75A

- Rated at 1.2A for Grade 3 compliance
- Reports AC, Battery, fuse and tamper via RS485

### Galaxy® Power RIO 2.75A

- Rated at 1.2A for Grade 3 compliance
- Reports AC, Battery, fuse and tamper via RS485
- Integrated RIO (8 inputs/4 outputs)

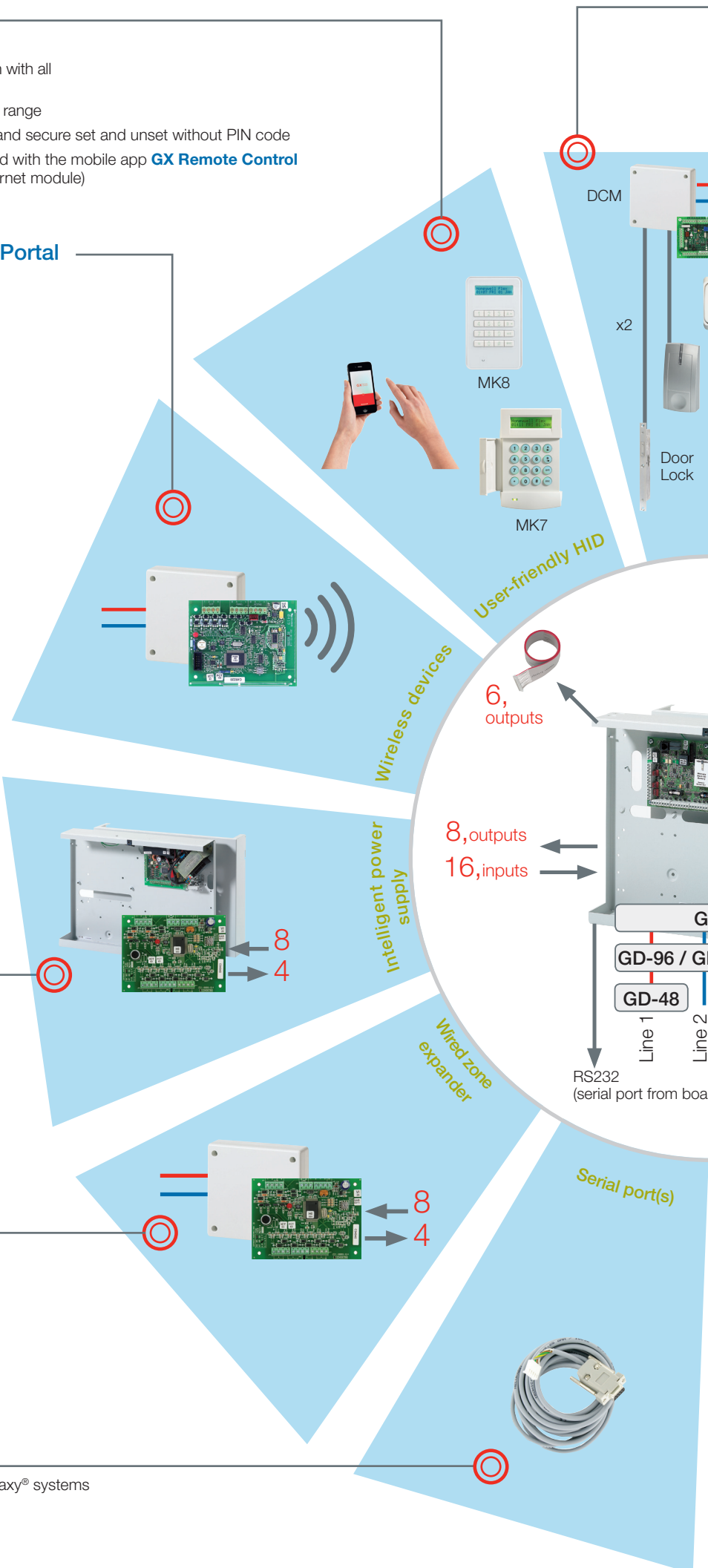
## Galaxy® RIO (Remote Input/Output)

Provides zone and output expansion for Galaxy® Systems

- 8 fully programmable zones
- 4 programmable outputs
- Tamper protection
- Rotary switch for setting module address

## RS232 Cable

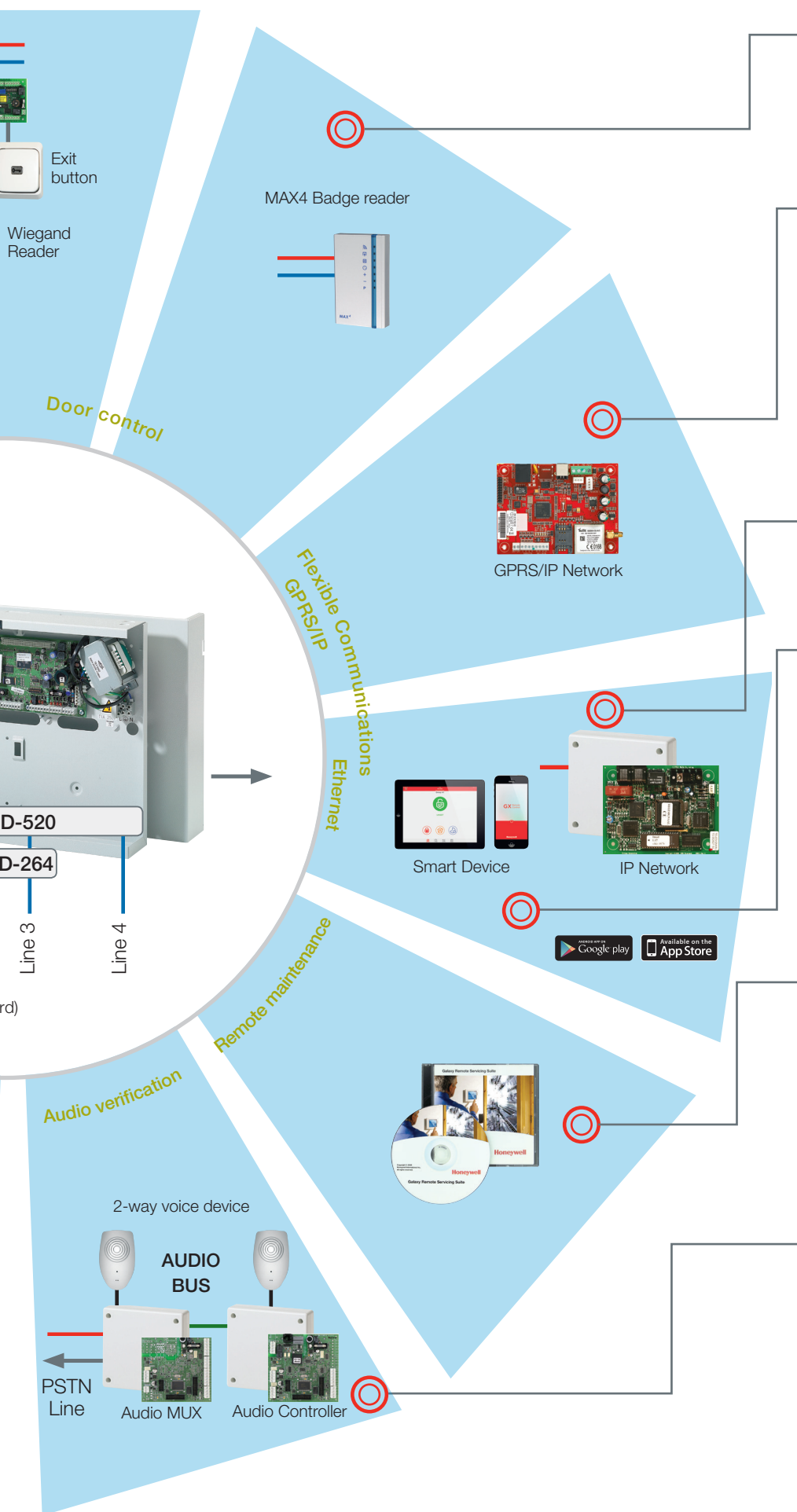
Enables communications between PCs or Printers and Galaxy® systems



## DCM

- Door control module with two wiegand inputs allows management of two doors
- Off line mode available for previous 100 valid users
- Users can be assigned to an Access Template giving an access time zone to each group (64 Access Templates available on GD-520)

- On line 1 only
- On lines 1, 2, 3 or 4



## Proximity Reader - MAX4

- Complete door control in a single unit
- Can be used as standalone or integrated into the Galaxy® control system
- Connected on RS485 bus

## GPRS/IP Communications

GT-20 and GT-40 Modules

- Ethernet and GPRS/GSM modules provide flexible alarm signalling and remote servicing options
- Enabled via Ethernet supporting TCP/IP protocol
- Enhanced dual path signalling options:
  - 1) Ethernet backed up by PSTN
  - 2) GPRS backed up by PSTN
  - 3) Ethernet backed up by GPRS

## Galaxy® Ethernet Module

Provides alarm signalling and remote servicing support for Galaxy® systems via 10 Base T Ethernet LAN/WAN supporting TCP/IP protocol

## Galaxy Mobile App

### GX remote control

- Remotely manage home and premises security systems wherever you are
- One app for all your systems
- Free to download and use
- Simple secure 10 second login
- Single touch interrogation of alarm history
- Manage up to 5 systems from a single smart device
- Single tap switch between property and user specific groups

## Remote Servicing Suite

Provides complete remote servicing capability including off-line programming, real-time control and diagnostic reporting

- Programming upload and download
- Event log and access log upload
- Remote Routine Inspection (RRI)
- Mimic panel for control functions
- Online keypad support

## Audio Devices

- Audio Controller PCB connects to panel and PSTN Phone line
- 2 audio channels as standard
- Digital Audio bus allows 8 additional audio MUX units
- Each MUX unit allows 4 analogue audio channels
- Each audio channel is mapped to 1 system group
- Optional 5-10 seconds of Pre and post-alarm recording is stored

# Galaxy® Dimension

Integrated intrusion and door control panel range

## Technical Specifications

| Description                                         | GD-48                                                                                                  | GD-96           | GD-264            | GD-520            |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------|-------------------|-------------------|
| Zones onboard (maximum)<br>Inclusive wireless zones | 16 - (48)<br>32                                                                                        | 16 - (96)<br>80 | 16 - (264)<br>192 | 16 - (520)<br>192 |
| Outputs (400mA) on-board                            | 8                                                                                                      | 8               | 8                 | 8                 |
| Trigger outputs on flying lead (10mA)               | 6                                                                                                      | 6               | 6                 | 6                 |
| Integrated PSU                                      | 2,5 A                                                                                                  | 2,5 A           | 2,5 A             | 2,5 A             |
| Output Current rating                               | 1.2A                                                                                                   | 1.2A            | 1.2A              | 1.2A              |
| RS485 Databases                                     | 1                                                                                                      | 2               | 2                 | 4                 |
| Keypads (Keyprox)                                   | 8 (3)                                                                                                  | 16 (7)          | 16 (7)            | 32 (24)           |
| Bus mounted prox readers (MAX)                      | 4                                                                                                      | 16              | 16                | 32                |
| DCMs with 2 x Wiegand interfaces                    | 4                                                                                                      | 16              | 16                | 32                |
| DCM controlled doors                                | 8                                                                                                      | 32              | 32                | 64                |
| Wireless Portals                                    | 4                                                                                                      | 8               | 8                 | 8                 |
| Users                                               | 100                                                                                                    | 250             | 1000              | 1000              |
| 7 Day Timer Schedules                               | 19                                                                                                     | 35              | 67                | 67                |
| Zone types                                          | 52                                                                                                     | 52              | 52                | 52                |
| O/P types                                           | 81                                                                                                     | 81              | 81                | 81                |
| Library                                             | Yes                                                                                                    | Yes             | Yes               | Yes               |
| Event Log                                           | 1000                                                                                                   | 1500            | 1500              | 1500              |
| Access Log                                          | 500                                                                                                    | 1000            | 1000              | 1000              |
| Multi-users                                         | Yes                                                                                                    | Yes             | Yes               | Yes               |
| Autoset                                             | Yes                                                                                                    | Yes             | Yes               | Yes               |
| Pre-Check                                           | Yes                                                                                                    | Yes             | Yes               | Yes               |
| Timed Lockout                                       | Yes                                                                                                    | Yes             | Yes               | Yes               |
| Links                                               | 64                                                                                                     | 128             | 256               | 256               |
| Part Set                                            | Yes                                                                                                    | Yes             | Yes               | Yes               |
| Silent Part Set                                     | Yes                                                                                                    | Yes             | Yes               | Yes               |
| RS232                                               | Built-in                                                                                               | Built-in        | Built-in          | Built-in          |
| Integrated PSTN (V 22)                              | Built-in                                                                                               | Built-in        | Built-in          | Built-in          |
| Printer Output                                      | Via RS232                                                                                              | Via RS232       | Via RS232         | Via RS232         |
| Remote Servicing                                    | Yes                                                                                                    | Yes             | Yes               | Yes               |
| Ethernet module                                     | Optional                                                                                               | Optional        | Optional          | Optional          |
| GSM/GPRS module                                     | Optional                                                                                               | Optional        | Optional          | Optional          |
| Groups                                              | 8                                                                                                      | 16              | 32                | 32                |
| Audio Verification channels                         | 8                                                                                                      | 32              | 32                | 32                |
| SMS text                                            | Yes                                                                                                    | Yes             | Yes               | Yes               |
| ISDN                                                | Optional                                                                                               | Optional        | Optional          | Optional          |
| Mobile App*                                         | Yes                                                                                                    | Yes             | Yes               | Yes               |
| EN50131                                             | Compliant to EN50131-3:2009, EN50131-6:2008, PD6662:2010 and certified by a third party testing agency |                 |                   |                   |

\* Requires E080-04 Ethernet module



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## Order References

### Control Panels

|             |                                                          |
|-------------|----------------------------------------------------------|
| C048-D1-XX2 | Galaxy® Dimension GD-48 control panel with PSTN Dialler  |
| C096-D1-XX2 | Galaxy® Dimension GD-96 control panel with PSTN Dialler  |
| C264-D1-XX2 | Galaxy® Dimension GD-264 control panel with PSTN Dialler |
| C520-D1-XX2 | Galaxy® Dimension GD-520 control panel with PSTN Dialler |

1 Control panel part numbers containing new "-D-" reference indicates compliance to EN50131-3: 2009 and PD6662:2004/2010 tested and certified by a third party testing agency.  
2 Market variant: XX = E1 for UK, Spain, Italy, Portugal, E2 for Benelux, E5 for France

### User Interfaces

|             |             |
|-------------|-------------|
| CP037-01    | MK7 Keypad  |
| CP038-01    | MK7 Keyprox |
| CP050-00-01 | MK8 Keypad  |
| CP051-00-01 | MK8 Keyprox |

### Modules

|         |                                 |
|---------|---------------------------------|
| E080-04 | Ethernet module                 |
| C079-2  | RF portal in plastic housing    |
| GT-20   | IP Communications Module        |
| GT-40   | GPRS/IP Communications Module   |
| C072    | Galaxy RIO - 8 inputs/4 outputs |
| ISDN    | network module                  |

### Door Control

|          |                                |
|----------|--------------------------------|
| C080     | DCM - Door controller          |
| C081     | DCM - Door controller with PSU |
| C086     | USB card reader interface      |
| MX04     | MAX4 proximity reader          |
| YX0-0004 | MAX keytag                     |
| YX0-0020 | ASK proximity keytag (grey)    |

### Audio

|          |                         |
|----------|-------------------------|
| C084     | Audio interface module  |
| C085     | Audio MUX module        |
| TP 800** | 2 Way voice speaker-mic |

\*\*When used with the Audio interface order code C084

### Remote Servicing

|            |                                                                |
|------------|----------------------------------------------------------------|
| A227       | Galaxy® SPI key (Blank)                                        |
| C087       | SPI key programmer                                             |
| R056-CD-L  | Standalone Remote Servicing Suite (RSS)                        |
| R057-CD-DG | Remote Servicing Suite with USB dongle & client/server version |
| R058-CD-DG | User Management Suite (UMS)                                    |

### Mobile App downloads

Via Google play Android  
<https://play.google.com/store>



Via iTunes Apple  
<https://itunes.apple.com>

### Accessories

|        |                                                  |
|--------|--------------------------------------------------|
| A079   | Dual Battery Monitor                             |
| A161   | Printer interface                                |
| A229   | Outputs trigger lead                             |
| A234   | Galaxy® RS232 cable                              |
| A303-S | Mounting bracket for GT-20/40 and E080-4 modules |

### Power Supply Units

|           |                   |
|-----------|-------------------|
| P026-01-B | Galaxy power RIO  |
| P025-01-B | Galaxy power unit |

Honeywell reserves the right to alter the specification of products without notice.

# Honeywell